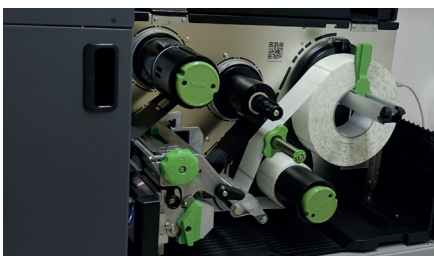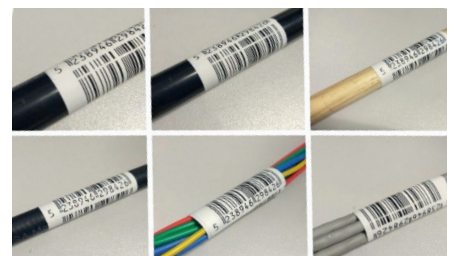# ETISOFT

WRAPTEC–P&A

Semi-automatic, wrapping label applicator with a printing unit for marking hoses, cables and tubes

Integrated thermal transfer printer

Easy to use, industrial standard

Wide range of applications

Description

Wraptec - P&A is a universal printing and application device that facilitates the process of marking products such as hoses, rods and cables. The device makes it possible to precisely and efficiently mark the products without the need to rotate them. The thermal transfer printer integrated with the applicator prints labels with a resolution of 300 dpi on a regular basis.

The device operates in a semi-automatic mode where the product is fed manually, or it can be integrated with a robot or a master system. It is adjusted to work in harsh industrial conditions, whereas its structure makes the operation, even with the use of gloves, possible.

Application

- Marking objects that have elongated, cylindrical shapes with labels printed on a regular basis
- Marking wires, cables and bundles of cables
- Marking tubes, casings and hoses made of plastics or other materials

WRAPTEC - P&A

Characteristics

WRAPTEC - P&A is a printing and application device for marking products that have elongated shapes. The device can be used for products with a diameter from 10 to 40 mm using paper or filmic labels that are up to 60 mm wide and up to 120 mm long. A desktop size of the device makes a quick change of the location of work possible, whereas the change of a diameter of the marked product doesn't require retooling of the device. For special application needs of the Client the device can be adjusted as early as at the stage of production.

Printing and application

The marking process consists in printing out a label and its automatic wrapping around the product. Printing the label with a resolution of 300dpi is conducted by the integrated thermal transfer printer TSC MH340T. The modular structure of the device makes it possible to quickly replace a printer in case of failure.

Advantages

- Fast and precise application
- Flexibility within the scope of product diameters the device can be used for without the need for retooling
- Possibility to use with different materials
- Mobility and small size
- Easy and efficient use also while wearing gloves
- Possibility of modification upon the Client's request

Technical specification

Physical parameters

Dimensions (height x length x width)	681x728x350mm
Weight	40kg
Power supply	230V AC 50Hz 2A

Printer parameters

Model of printer	TSC MH340T
Print type	thermal/thermal transfer
Print resolution	300dpi
Interface	USB, Ethernet 10/100Mbps, RS-232
Display	LCD 480x272 pixels, resistant

Parameters of thermal transfer ribbon

Maximum diameter of an external roll	90mm
Internal roll diameter	1' (25,4mm)
Length of ribbon	600m
Ribbon winding	with ink outwards or inwards

Label parameters

Label material	paper, foil
Material type	die-cut with a gap or black mark
Maximum width of label	60mm
Maximum length of label	120mm
Maximum external diameter of a roll	8' (203mm)
Internal diameter of a roll of label	3' (76mm)

Operating parameters

Temperature	5-40°C
Relative humidity	30 -80%
Application	around the complete and incomplete circumference or in an overlapping mode*
Performance	720 pcs./h*

Product parameters

Diameter	10-40mm
Length	>120mm
Material	any **

* depends on the length of the label and diameter of the product
** but ensuring appropriate stiffness of the product

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